

PROBLEM SYMPTOMS TABLE

FRONT A/C

Symptom	Suspect Area	See page
Whole functions does not operate	1. IG power source circuit 2. A/C amplifier 3. EMV	DI-1374 DI-1318 DI-1181
Air Flow Control: No blower operation	1. Heater main relay 2. Blower motor circuit 3. A/C amplifier 4. Blower motor controller	AC-94 DI-1377 DI-1318 AC-81
Air Flow Control: No blower control	1. Blower motor circuit 2. A/C amplifier 3. Solar sensor circuit 4. Blower motor controller	DI-1377 DI-1318 DI-1341 AC-81
Air Flow Control: Insufficient air flow	1. Blower motor circuit 2. Blower motor controller	DI-1377 AC-81
Temperature Control: No cool air comes out	1. Refrigerant volume 2. Drive belt tension 3. Refrigeration system inspection with manifold gauge set 4. Compressor circuit 5. Pressure switch circuit 6. Front air mix damper position sensor circuit 7. Front air mix damper control servomotor circuit 8. Front room temp. sensor circuit 9. Ambient temp. sensor circuit 10. A/C amplifier 11. ECM	AC-22 AC-15 AC-3 DI-1380 DI-1347 DI-1353 DI-1362 DI-1324 DI-1327 IN-36 DI-1181
Temperature Control: No warm air comes out	1. Front air mix damper position sensor circuit 2. Front air mix damper control servomotor circuit 3. Front room temp. sensor circuit 4. Ambient temp. sensor circuit 5. Front evaporator temp. sensor circuit 6. A/C amplifier	DI-1353 DI-1362 DI-1324 DI-1327 DI-1330 IN-36
Temperature Control: Output air is warmer or cooler than the set temperature, or response is slow	1. Refrigerant volume 2. Drive belt tension 3. Refrigeration system inspection with manifold gauge set 4. Solar sensor circuit 5. Front room temp. sensor circuit 6. Ambient temp. sensor circuit 7. Front Evaporator temp. sensor circuit 8. Front air mix damper position sensor circuit 9. Front air mix damper control servomotor circuit 10. Front air inlet damper position sensor circuit 11. Front air inlet damper control servomotor circuit 12. Condenser 13. Evaporator 14. Heater radiator 15. Expansion valve 16. A/C amplifier 17. ECM	AC-22 AC-15 AC-3 DI-1341 DI-1324 DI-1327 DI-1330 DI-1353 DI-1362 DI-1356 DI-1365 AC-68 AC-73 AC-42 AC-23 IN-36 DI-1181

Symptom	Suspect Area	See page
Temperature Control: No temperature control (only Max. cool or Max. warm)	1. Front room temp. sensor circuit 2. Ambient temp. sensor circuit 3. Front air mix damper position sensor circuit 4. Front air mix damper control servomotor circuit 5. A/C amplifier	DI-1324 DI-1327 DI-1353 DI-1362 DI-1318
No air inlet control	1. Front air inlet damper position sensor circuit 2. Front air inlet damper control servomotor circuit 3. A/C amplifier	DI-1356 DI-1365 DI-1318
No air flow control	1. Air outlet damper position sensor circuit 2. Air outlet damper control servomotor circuit 3. A/C amplifier	AC-85 AC-85 DI-1318
Engine idle up does not occur, or is continuous	1. Compressor circuit 2. ECM	DI-1380 DI-41

REAR A/C

Symptom	Suspect Area	See page
Whole functions does not operate	1. Rear A/C amplifier	IN-36
Air Flow Control: No blower operation	2. Rear heater main relay 3. Rear blower motor 3. Rear blower resister 4. Rear A/C amplifier	AC-95 AC-45 – IN-36
Air Flow Control: No blower control	1. Rear heater main relay 2. Rear blower motor 3. Rear blower resister 4. Rear A/C amplifier 5. Solar sensor circuit	AC-95 AC-45 – IN-36 DI-1341
Air Flow Control: Insufficient air flow	1. Rear blower motor 2. Rear blower resister	DI-1377 –
Temperature Control: No cool air comes out	1. Refrigerant volume 2. Drive belt tension 3. Refrigeration system inspection with manifold gauge set 4. Compressor circuit 5. Pressure switch circuit 6. Rear air mix damper position sensor circuit 7. Rear air mix damper control servomotor circuit 8. Rear room temp. sensor circuit 9. Ambient temp. sensor circuit 10. Rear A/C amplifier	AC-22 AC-15 AC-3 DI-1380 DI-1347 DI-1359 DI-1368 DI-1338 DI-1327 IN-36
Temperature Control: No warm air comes out	1. Rear air mix damper position sensor circuit 2. Rear air mix damper control servomotor circuit 3. Rear room temp. sensor circuit 4. Ambient temp. sensor circuit 5. Rear evaporator temp. sensor circuit 6. Rear A/C amplifier	DI-1359 DI-1368 DI-1338 DI-1327 DI-1335 IN-36
Temperature Control: Output air is warmer or cooler than the set temperature or response is slow	1. Refrigerant volume 2. Drive belt tension 3. Refrigeration system inspection with manifold gauge set 4. Solar sensor circuit 5. Rear room temp. sensor circuit 6. Ambient temp. sensor circuit 7. Rear evaporator temp. sensor circuit 8. Rear air mix damper position sensor circuit 9. Rear air mix damper control servomotor circuit 10. Condenser 11. Evaporator 12. Heater radiator 13. Expansion valve 14. Rear A/C amplifier	AC-22 AC-15 AC-3 DI-1341 DI-1338 DI-1327 DI-1335 DI-1359 DI-1368 AC-68 AC-29 AC-45 AC-29 IN-36
Temperature Control: No temperature control (only Max. cool or Max. warm)	1. Rear room temp. sensor circuit 2. Ambient temp. sensor circuit 3. Rear air mix damper position sensor circuit 4. Rear air mix damper control servomotor circuit 5. Rear A/C amplifier	DI-1338 DI-1327 DI-1359 DI-1368 IN-36